

## CHAPTER 1

## ELECTRICAL SYSTEM

## LIST OF SERVICES

Group	Group	Group
<b>GENERAL INFORMATION – A</b>		
<i>System details</i> ... ... ... ... <b>A 1</b>	<i>Fuel filter de-icing (Code EFD)</i> ... ... <b>C 5</b>	
<i>Removal of junction boxes, panels and shelves</i> ... ... ... <b>A 2</b>	<i>Emergency fuel pump (Code EF)</i> ... ... <b>C 6</b>	
<i>Location of equipment</i> ... ... ... <b>A 3</b>		
<b>POWER SUPPLY SERVICES – B</b>		
<i>Generators and batteries (Code GA)</i> ... <b>B 1</b>		
<b>ENGINE SERVICES – C</b>		
<i>Engine starting (Code SA)</i> ... ... ... <b>C 1</b>		
<i>Fire warning and extinguisher (Code FW and FE)</i> ... ... ... <b>C 2</b>		
<i>Tank pumps, failure warning and pressure refuelling (Code BP, PF and PR)</i> ... ... ... <b>C 3</b>		
<i>Engine anti-icing (Code EA)</i> ... ... ... <b>C 4</b>		
	<b>FLYING SERVICES – D</b>	
	<i>Rudder and aileron trim-controls (Code R and A)</i> ... ... ... ... <b>D 1</b>	
	<i>Elevator and aileron power controls (Code PE and PA)</i> ... ... ... ... <b>D 2</b>	
	<i>Tail plane control (Code T)</i> ... ... ... <b>D 3</b>	
	<i>Flap control (Code F)</i> ... ... ... <b>D 4</b>	
	<i>Hood control (Code HC)</i> ... ... ... <b>D 5</b>	
	<i>Cabin pressurization and temperature control (Code CP)</i> ... ... ... <b>D 6</b>	
	<i>Alighting gear and air brake control (Code UC and AB)</i> ... ... ... <b>D 7</b>	
	<i>Parachute brake (Code TC)</i> ... ... ... <b>D 8</b>	
	<i>Autostabilizer (Code AS)</i> ... ... ... <b>D 9</b>	
	<i>Arresting hook control (Code AG)</i> ... <b>D 10</b>	
		<b>INSTRUMENT SERVICES – E</b>
		<i>A.C. supplies (Code CH)</i> ... ... ... <b>E 1</b>
		<b>LIGHTING SERVICES – F</b>
		<i>Cabin lighting (Code M)</i> ... ... ... ... <b>F 1</b>
	►	<i>Navigation and anti-collision lamps (Code N)</i> ... ... ... ... <b>F 2</b>
		<i>Service Lamps (Code L)</i> ... ... ... ... <b>F 3</b>
		<b>ARMAMENT SERVICES – G</b>
		<i>Armament supplies and control (Code GF, BR, BF, BJ, RP and JG)</i> ... <b>G 1</b>
		<b>RADIO SERVICES – H</b>
		<i>Radio and radar supplies (Code RT, TK and IF)</i> ... ... ... <b>H 1</b>

## Introduction

1. This chapter contains descriptive and servicing information on the electrical system installed in this aircraft. The chapter is divided into a number of self-contained groups of information, beginning with a general information group covering the system as a whole and embodying system wiring details, identification and general servicing of the components. Illustra-

tions showing the removal of the major junction boxes and panels, together with a master index of all the components employed in the system and illustrations showing the location and access to the equipment are also included in this group. The remaining groups are arranged according to their function, being referenced by the group letter and a number together with code letters

of the circuit concerned as given in the list of services. Each group is complete with a list of contents and embodies a description of the circuit or circuits concerned, together with routeing and theoretical diagrams and the necessary servicing information, which includes testing in situ and the removal of the equipment where required.



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